

APPENDIX A

- 1 1. A creeper comprising opposed side rails having a planar bottom surface; a
2 pad supported between said side rails; and a plurality of caster assemblies
3 rotatable on a vertical axis relative to said side rails and supporting said
4 side rails; each of said plurality of caster assemblies attached to said
5 planar bottom surface and fully positioned under and within the profile of
6 said side rails, and including a wheel having a wheel body with a radial
7 surface wherein the width of the contact between said radial surface and a
8 work surface upon which the creeper is placed is from about 50 to about
9 75 percent of the maximum width of said wheel body, and with a hardness
10 such that when in normal use the shape of said wheel body remains
11 substantially unchanged.

- 1 2. A creeper according to claim 1 wherein each said wheel of said plurality of
2 caster assemblies further comprises a hub having an axial bore, an inner
3 rim proximate said axial bore, and an outer rim distanced from said inner
4 rim by radial supports.

- 1 3. A creeper according to claim 2 wherein said axial bore is defined by a
2 bearing.

- 1 4. A creeper according to claim 3 wherein said bearing is made of a material
2 selected from the group consisting of polyurethane, acetyl resin, polyolefin,
3 polypropylene and nylon.

- 1 5. A creeper according to claim 1 wherein said wheel body is formed from
2 material selected from the group consisting of polyurethane, thermoplastic
3 rubber, polyolefin, polypropylene and monoprene.

- 1 6. A creeper according to claim 5 wherein said wheel body has a hardness of
2 from about 65 to about 85 on the Shore durometer hardness type D scale.

- 1 7. A creeper comprising opposed side rails; a pad supported between said
2 side rails; said side rails having a top and bottom surface, said top surface
3 tapering toward said bottom surface to define a decreased cross section of
4 said side rails, the decreased cross section of said side rails being
5 positioned adjacent said pad; and a plurality of caster assemblies attached
6 to and supporting said side rails; each of said plurality of caster assemblies
7 including a wheel including a wheel body extending, in hemispherical or
8 semi-elliptical cross section, from a hub and having a hardness such that
9 when in normal use the shape of said wheel body remains substantially
10 unchanged, and a top bearing bracket having a top race, said top bearing
11 bracket being attached to one of said side rails such that said top race of
12 said top bearing bracket lies wholly within the vertical profile of said side
13 rail.
- 1 8. A creeper according to claim 7, wherein said hub includes an axial bore,
2 an inner rim proximate said axial bore, and an outer rim distanced from
3 said inner rim by radial supports.
- 1 9. A creeper according to claim 8 wherein said axial bore is defined by a
2 bearing.
- 1 10. A creeper according to claim 9 wherein said bearing is made of a material
2 selected from the group consisting of polyurethane, acetyl resin, polyolefin,
3 polypropylene and nylon.
- 1 11. A creeper according to claim 7 wherein said wheel body is formed from
2 material selected from the group consisting of polyurethane, thermoplastic
3 rubber, polyolefin, polypropylene and monoprene.
- 1 12. A creeper according to claim 11 wherein said wheel body has a hardness
2 of from about 65 to about 85 on the Shore durometer hardness type D
3 scale.

- 1 13. A creeper according to claim 7 wherein the width of the surface contact
2 between said radial surface and a work surface upon which the creeper is
3 placed is from about 50 to about 75 percent of the maximum width of said
4 wheel body.
- 1 14. Canceled.
- 1 15. Canceled.
- 1 16. A creeper according to claim 7 wherein said plurality of caster assemblies
2 are attached to said side rails without creating a protrusion on said top
3 surface of said side rails.
- 1 17. A creeper according to claim 16 wherein said caster assemblies each
2 include a bottom bearing bracket having a bottom race; a wheel assembly
3 carrying said wheel and connected to said caster assembly between said
4 top and bottom bearing brackets; top rolling elements retained within said
5 top race between said top bearing bracket and a portion of said wheel
6 assembly; and bottom rolling elements retained within said bottom race
7 between said bottom bearing bracket and a portion of said wheel
8 assembly.
- 1 18. A creeper according to claim 17 wherein each of said caster assemblies
2 further include a kingpin, said bottom bearing bracket and said wheel
3 assembly being held in operative position by said kingpin.
- 1 19. A creeper according to claim 18 wherein said top bearing bracket is
2 secured to said bottom surface of said side rails by rivet nuts.